

Predictive (\$5)	Diagnostic (\$5)
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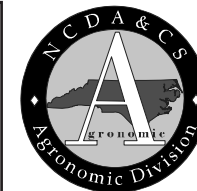
Research (\$12) Out of State (\$25)

NCDA&CS Agronomic Division Plant/Waste/Solution Section
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REPORT#

DATE REC'D

PAID

**GROWER INFORMATION** (please print)

CONSULTANT/OTHER RECIPIENT

FARM ID	LAST NAME	FIRST NAME	PHONE	LAST NAME	FIRST NAME	PHONE
COUNTY (where collected)	(____) ____ - ____			(____) ____ - ____		
SAMPLED BY	DATE			ADDRESS		
PAYMENT (see fees for sample types above) Check / money order payable to NCDA&CS						
No. of Samples _____	Check	()	CITY	STATE	ZIP
Payment _____	Money Order	()			
Escrow _____	Cash	()			
Account Name _____				OTHER RECIPIENT E-MAIL		

Results are available online. Please check this box ☐ if you do not need a printed report mailed to you.

LAB NUMBER (Leave blank)	SAMPLE ID	SOLN CODE	SAMPLE DESCRIPTION / COMMENTS	CORRESPONDING SAMPLE ID			DEPTH OR SIZE
				SOIL	PLANT	WASTE	
1							
2							
3							
4							
5							
6							

SOLUTION USE CODES

Aquaculture

AS	Source Water
AP	Pond Water
AO	Other *

Farm Pond

FP Fish Production/Recreation

* Indicate type of sample and use under Sample Description / Comments.

General Water Quality

QG Ground Water
QS Surface Water
QO Other *

Hydroponic Solution

HT	Tomato
HC	Cucumber
HL	Lettuce
HH	Herb
HO	Other *

Irrigation Water

IW	General
IO	Overhead
IT	Trickle

Livestock Water

LC	Cattle
LH	Horse
LS	Swine
LO	Other *

Nutrient Solution

NS	General — Indicate target concentration under comments.		
NT	Tobacco	NE	Saturated media extract
NO	Other *	NL	Pour-thru leachate

Poultry Water

PC	Chicken
PD	Duck
PT	Turkey
PO	Other *

Solution Source Water

SP Pesticide Solution
SH Hydroponic-Nutrient
ST Transplant Production
SO Other *

HOW TO FILL OUT THE INFORMATION FORM

Please complete this form in as much detail as possible. Information in shaded areas is critical for optimum diagnosis and recommendations.

SAMPLE TYPE — *Predictive* (fee \$5 for N.C. residents) analysis is a routine check of mineral content plus interpretation and general recommendations.

Diagnostic (fee \$5 for N.C. residents) analysis helps solve suspected problems and provides detailed interpretation and recommendations.

Research (fee \$12) is for samples submitted in connection with an approved cooperative research agreement.

Out of state (fee \$25) is for samples submitted by non-North Carolina residents.

SAMPLE INFORMATION — Provide farm ID (if applicable), county where sample was collected, name of the collector and date of collection. Calculate the total fee based on sample type and number of samples. Indicate method of payment. Test results are not released unless payment is received in full.

GROWER INFORMATION — Complete contact information is required: name, phone with area code, address and e-mail.

SAMPLE ID — Provide sample identification (no more than six digits or letters). Put the same ID on the sample container.

SOLN CODE — Identify intended use of the solution being sampled by entering one of the solution-use codes found on the front of the information form: e.g., PC is the for well water used for chicken production.

SAMPLE DESCRIPTION / COMMENTS — Include descriptive information about the sample, especially if you are not sure which solution-use code to use. A brief statement of problem or purpose in sampling is required for all diagnostic samples.

CORRESPONDING SAMPLE ID — List the IDs of any matching soil, plant or waste samples submitted.

DEPTH OR SIZE — Indicate depth of wells or size of surface water reservoir sampled.

TIPS ON TAKING WATER SAMPLES

A laboratory analysis is no better than the sample submitted. The sample should represent the conditions under which the solution is being used. When diagnosing a problem, you may have to take samples representing several processing stages or time periods: e.g., irrigation source water; nutrient solution; or pour-thru leachate.

SAMPLE CONTAINERS — Sample containers should be clean and made of materials that will not contaminate the solution. A one-pint plastic bottle is recommended. When using soft-drink or other containers, please remove the original product label.

SAMPLING TECHNIQUES — Before filling, rinse the sample container thoroughly with the solution being collected. Fill the container and cap tightly.

WELLS — Allow water to run for at least five to ten minutes before collecting a sample. For new wells that recently have been chemically treated, allow the water to run for one to two hours before sampling.

DISTRIBUTION SYSTEMS — Flush lines sufficiently to ensure that the sample is representative of the supply solution.

RIVERS OR STREAMS — Sample from the middle of the stream at mid-depth. Choose frequency of sampling based on local needs and conditions.

LAKES OR RESERVOIRS — Choose location, depth and frequency of sampling depending on local conditions and the purpose of the investigation. Avoid surface or bottom residues.

HANDLING AND STORAGE — If possible, avoid sample agitation and prolonged exposure to air. Transfer samples to the laboratory as soon as possible. Label container with the same sample ID indicated on the information form. If samples are stored for any length of time, they should be refrigerated.

